

The logo for 'Literary Elements Resources' features the word 'Literary' in a purple serif font and 'ELEMENTS' in a large, bold, green sans-serif font. To the left of the text is an illustration of a chemistry flask with a green liquid and a yellow flame, with books stacked behind it. To the right is an illustration of a stack of books, a beaker with green liquid, and a yellow atomic symbol. Below the main title, the word 'Resources' is written in a black serif font.

# Literary ELEMENTS

## Resources

### Print Nonfiction

- Blum, Deborah. *Poisoner's Handbook: Murder and the Birth of Forensic Medicine in Jazz Age New York*. Penguin Press HC, 2010. 336 p. (978-1594202438) Blum shares the untold story of how poison rocked Jazz Age New York City. She tracks the perilous days when a pair of forensic scientists began their trailblazing chemical detective work, fighting to end an era when untraceable poisons offered an easy path to the perfect crime. **Call number 614.1309 Blum**
- Card, Orson Scott. *How to Write Science Fiction and Fantasy*. Writer's Digest Books, 2001. 140 p. (978-1582971032, pap.) Best selling author Card defines both genres, tells how to write a successful story, and where to find markets to get published. **Call number 808.3876 Card**
- Climate Central. *Global Weirdness: Severe Storms, Deadly Heat Waves, Relentless Drought, Rising Seas and the Weather of the Future*. Pantheon, 2012. 214 p. (978-0307907301) Explains climate change, its implications for the future, and what we can, and cannot, do to avoid further change. **577.22 Global**
- Darwin, Charles. *On The Origin of Species*. Oxford University Press, 2009. 432 p. (978-0199219223, pap.) Darwin's opus is considered the foundation of evolutionary biology. **Call number 575 Darwin**
- Hawking, Stephen. *A Brief History of Time*. Bantam, 1998. 224 p. (978-0553109535) Stephen W. Hawking, widely regarded as the most brilliant physicist since Einstein, discusses in a friendly and self-deprecating manner age-old questions about the origin and fate of the universe. Difficult concepts are made simple by Hawking's familiar, accessible prose. **Call number 523.1 Hawking**
- Kahneman, Daniel. *Thinking Fast and Slow*. Farrar, Straus and Giroux, 2011. 512 p. (978-0374275631) Nobel Prize winner Daniel Kahneman brings together his many years of research and thinking in one book. He explains the two systems that drive the way we think. System 1 is fast, intuitive, and emotional; System 2 is slower, more deliberative, and more logical. **Call number 153.4 Kahneman**
- Kamkwamba, William and Bryan Mealer. *The Boy Who Harnessed the Wind: Creating Currents of Electricity and Hope*. William Morrow, 2009. 288 p. (978-0061730320) "When 14-year-old William Kamkwamba's Malawi village was hit by a drought in 2001, everyone's crops began to fail. His family didn't have enough money for food, let alone school, so William spent his days in the library. He came across a book on windmills and figured out how to build a windmill that could bring electricity to his village. Everyone thought he was crazy but William persevered and managed to create a functioning windmill." **Call number 621.4 Kamkwamba**

- Kean, Sam. *The Disappearing Spoon: And Other True Tales of Madness, Love, and the History of the World from the Periodic Table of the Elements*. Little, Brown and Company, 2010. 400 p. (978-0316051644) The periodic table of the elements is a crowning scientific achievement, but it's also a treasure trove of passion, adventure, obsession, and betrayal. These tales follow carbon, neon, silicon, gold, and all the elements in the table as they play out their parts in human history. **Call number 546 Kean**
- Kingsolver, Barbara. *Animal, Vegetable, Miracle: A Year of Food Life*. Harper, 2007. 384 p. (978-0060852559) When Kingsolver and her family move from suburban Arizona to rural Appalachia, they take on a new challenge: to spend a year on a locally produced diet, paying close attention to the provenance of all they consume. **Call number 640.973 Kingsolver**
- Krauss, Lawrence. *The Physics of Star Trek*. Basic Books, 2007. 280 p. (978-0465002047, pap.) Krauss uses the Star Trek future as a launching pad to discuss the forefront of modern physics today. From Newton to Hawking, from Einstein to Feynman, from Kirk to Picard, Krauss leads a voyage to the world of physics as we now know it and as it might one day be. Features a section on the top ten physics bloopers and blunders in *Star Trek*. **Call number 791.45 Krauss**
- Quammen, David. *Spillover: Animal Infections and the Next Human Pandemic*. W.W. Norton, 2012. 592 p. (978-0393066807) Examines the emergence and causes of new diseases all over the world, describing a process called "spillover," by which illness originates in wild animals before being passed to humans, and discussing the potential for the next huge pandemic. **Call number 614.43 Quammen**
- Roach, Mary. *Packing for Mars: The Curious Science of Life in the Void*. W.W. Norton, 2011. 336 p. (978-0393339918, pap.) The author of *Stiff* and *Bonk* explores the irresistibly strange universe of space travel and life without gravity. Space is a world devoid of the things we need to live and thrive: air, gravity, hot showers, fresh produce, privacy, beer. Space exploration is in some ways an exploration of what it means to be human. **Call number 571.0919**
- Sacks, Oliver. *Uncle Tungsten: Memories of a Chemical Boyhood*. Vintage, 2002. 352 p. (978-0375704048, pap.) Overflowing with humor, sadness, sensuous recollection, and the almost physical rapture of discovery, Uncle Tungsten re-creates the wonder of science as it is first experienced and chronicles the birth of the extraordinary and original mind of Oliver Sacks. **Call number B SACKS**
- Skloot, Rebecca. *The Immortal Life of Henrietta Lacks*. Crown, 2010. 384 p. (978-1400052172) Her name was Henrietta Lacks, but scientists know her as HeLa. She was a poor Southern tobacco farmer, yet her cells—taken without her knowledge—became one of the important tools in medicine. The first "immortal" human cells grown in culture, they are still alive today, though Lacks has been dead for more than sixty years. **Call number 616.02774092 Skloot; LT 616.02774092 Skloot; BKSTDY 616.02774092 Skloot**
- Sobol, Dava. *Longitude: The True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time*. Walker and Company, 2005. 192 p. (978-0802714626) The story of mariners' centuries-long search for ways of determining longitude that tells not only of the scientific advances but of the perseverance, pettiness, politics, and interesting anecdotes involved. *Longitude* is the dramatic human story of an epic scientific quest, and of John Harrison's forty-year obsession with building his perfect timekeeper, known today as the chronometer. **Call number 526.62 Sobel**
- Soler, Ivette. *The Edible Front Yard: The Mow-Less, Grow-More Plan for a Beautiful, Bountiful Garden*. Timber Press, 2011. 216 p. (978-1604691993, pap.) Offers suggestions on designing gardens, incorporating edibles and vegetables with ornamental plants. **Call number 635 Soler**
- Wasinger, Susan. *Eco Craft: Recycle Recraft Restyle*. Lark Books, 2009. 128 p. (978-1600593437) Thirty truly beautiful home decor projects that elevate environmental consciousness to inspiring new heights. **Call number 745.5 Wasinger**

- Weisman, Alan. ***The World Without Us***. Thomas Dunne Books, 2007. 336 p. (978-0312347291) Journalist Weisman offers an original approach to questions of humanity's impact on the planet. Drawing on the expertise of engineers, atmospheric scientists, art conservators, zoologists, oil refiners, marine biologists, astrophysicists, religious leaders, and paleontologists, he illustrates what Earth might be like today if humans disappeared. **Call number 304.2**



## Fiction

- Adams, Douglas. ***The Hitchhiker's Guide to the Galaxy***. Crown, 2004. 224 p. (978-1400052929) After Earth is demolished to make way for a new hyper spatial expressway, Arthur Dent begins to hitchhike through space. **Call number SF PB Adams**
- Asimov, Isaac. **Foundation Trilogy**. Everyman's Library, 2010. 664 p. (978-0307593962) *Foundation* begins a new chapter in the story of man's future. As the Old Empire crumbles into barbarism throughout the million worlds of the galaxy, Hari Seldon and his band of psychologists must create a new entity, the Foundation—dedicated to art, science, and technology—as the beginning of a new empire. *Foundation and Empire* describes the struggle for power amid the chaos of the stars in which man stands at the threshold of a new enlightened life which could easily be destroyed. Second Foundation follows the Seldon Plan after the First Empire's defeat and describes its greatest threat—a dangerous mutant strain gone wild, which produces a mind capable of bending men's wills, directing their thoughts, reshaping their desires, and destroying the universe. **Call number SF Asimov**
- Atwood, Margaret. ***The Handmaid's Tale***. Knopf, 2006. 392 p. (978-0307264602) Set in the near future in a totalitarian Christian theocracy that has overthrown the U.S. government, *The Handmaid's Tale* explores themes of women in subjugation and the various means by which they gain power. **Call number F Atwood**
- Atwood, Margaret. ***Oryx and Crake***. Anchor, 2004. 376 p. (9780385721677, pap.) A novel of the future explores a world that has been devastated by ecological and scientific disasters. **Call number F Atwood**
- Card, Orson Scott. ***Ender's Game***. Tom Doherty, 2013. 368 p. (9780385721677) Child-hero Ender Wiggin must fight a desperate battle against a deadly alien race if humankind is to survive. **SF Card; YA Card**
- Crichton, Michael. ***The Andromeda Strain***. Harper, 2008. 384 p. (978-0061703157, pap.) A military satellite launched to collect organisms in the upper atmosphere lands in Arizona. Within a few hours, almost everyone in a nearby town is dead. A team of scientists is assembled to investigate. **YA PB Crichton**
- Cronin, Justin. ***The Passage***. Ballantine Books, 2010. 784 p. (978-0345504968) A security breach at a secret U.S. government facility unleashes the monstrous product of a chilling military experiment that only six-year-old orphan Amy Harper Bellafonte can stop. **F Cronin; CD Cronin**
- Herbert, Frank. ***Dune*** (Dune Chronicles, Book 1). Ace Trade, 40th anniv. Ed., 2005. 544 p. (978-0441013593, pap.) Paul Atreides moves with his family to the planet Dune and is forced into exile when his father's government is overthrown. The first book in the series. **Call number SF Herbert**
- Meyer, Stephanie. ***The Host***. Little, Brown and Company, 2008. 619 p. (978-0316068048) A woman refuses to relinquish her mind to her alien host. **Call number F Meyer**
- Niffenegger, Audrey. ***The Time Traveler's Wife***. Houghton Mifflin Harcourt, 2004. 546 p. (978-0156029438, pap.) The story of Clare, a beautiful art student, and Henry, an adventuresome librarian. They met when Clare was six and Henry was thirty-six, and married when Clare was twenty-three and Henry thirty-one. Impossible but true: Henry is one of the first people diagnosed with chrono-displacement disorder. Periodically his genetic clock resets and he finds himself misplaced in time, disappearing spontaneously for experiences alternately harrowing and amusing. **F Niffenegger; LT Niffenegger**

- Orwell, George. **1984**. Plume, 1983. 60th anniv. Ed. 304 p. (978-0452262935, pap.) Winston Smith lives in a society where the government controls people's lives every second of the day. Alone in his apartment, Winston dreams of a better life. Is freedom from this life of suffering possible? There must be something that the Party cannot control—something like love? **Call number F Orwell; YA PB Orwell; CD Orwell**
- Russell, Mary Doria. **The Sparrow**. Ballantine, 1997. 408 p. (978-0449912553, pap.) A Jesuit leads an expedition to investigate singing emanating from a planet. So are discovered the Runa, intelligent beings, but undernourished. The explorers fix that, and a population explosion follows, attracting space-age cannibals who start eating them. The explorers are killed, except for the Jesuit who tells the tale. **F Russell**
- Wilson, Daniel H. **Robopocalypse**. Doubleday, 2011. 368 p. (978-0385533850) Two decades into the future humans are battling for their very survival when a powerful artificial intelligence computer goes rogue and all the machines on earth rebel against their human controllers. **Call number SF Wilson; CD Wilson**



## Nonprint

### Web Resources

- **125 Great Science Videos.** [www.openculture.com/science\\_videos](http://www.openculture.com/science_videos). Contains 125 YouTube videos on astronomy, physics, biology, chemistry, geology, psychology, and math.
- **BBC One. Doctor Who.** [www.bbc.co.uk/programmes/b006q2x0](http://www.bbc.co.uk/programmes/b006q2x0). The official website with news, episode guide, cast video diaries, Dalek game, image galleries, wallpapers, downloadable audio and more.
- **Bi-Folkal Productions.** [www.bifolkal.org/index.html](http://www.bifolkal.org/index.html). Multimedia, multisensory resources designed to bring back memories on a broad universal theme.
- **Black Magic.** [www.exploratorium.edu/science\\_explorer/black\\_magic.html](http://www.exploratorium.edu/science_explorer/black_magic.html). The Exploratorium explains how to conduct an experiment demonstrating how chromatography works.
- **The Daily Green. The Easiest Green Cleaning Recipes You Can Make at Home.** [www.thedailygreen.com/green-homes/latest/green-cleaning-spring-cleaning-460303#slide-1](http://www.thedailygreen.com/green-homes/latest/green-cleaning-spring-cleaning-460303#slide-1). Ten simple recipes.
- **Edible Landscaping. Edible Landscaping Basics.** [www.rosalindcreasy.com/edible-landscaping-basics/](http://www.rosalindcreasy.com/edible-landscaping-basics/). Tips and food and gardening advice.
- **English for Your Health.** [www.queenslibrary.org/services/health-info/english-for-your-health](http://www.queenslibrary.org/services/health-info/english-for-your-health). A program to teach adults who speak very little English about health topics.
- **Fibonacci and the Golden Mean.** [www.youtube.com/watch?v=AzfHbETDbN8](http://www.youtube.com/watch?v=AzfHbETDbN8). This four-minute video provides a concise introduction to the concept.
- **Fibonacci Art.** [www.csun.edu/~lmp99402/Math\\_Art/Fibonacci%20Art/Fibonacci%20Art.html](http://www.csun.edu/~lmp99402/Math_Art/Fibonacci%20Art/Fibonacci%20Art.html). This site offers examples in art and nature where Fibonacci numbers or the Golden Ratio is used.
- **Fibonacci, Art, and Quilts.** [www.susansfiberstudio.com/fibonacci.html](http://www.susansfiberstudio.com/fibonacci.html). An artist provides an easy to understand explanation of Fibonacci's numbers and ratios, where you can find these proportions and how she uses them in designing her quilts.
- **File Card Bridges.** [www.exploratorium.edu/science\\_explorer/card\\_bridge.html](http://www.exploratorium.edu/science_explorer/card_bridge.html). In this experiment, you test how many pennies two different designs of file card bridges will support.
- **Gumdrop Dome.** <http://pbskids.org/zoom/printables/activities/pdfs/gumdropdome.pdf>. All you need for this experiment on building with triangles is gumdrops and toothpicks.



- **How to Throw Your Own Doctor Who Holiday Party.** [www.bbcamerica.com/anglophenia/2011/10/how-to-throw-your-own-doctor-who-party-for-halloween-or-the-holidays/](http://www.bbcamerica.com/anglophenia/2011/10/how-to-throw-your-own-doctor-who-party-for-halloween-or-the-holidays/). Ideas on invitations, entertainment, costumes, food, décor, and music.
- **Library Journal. The Makings of Maker Spaces, Part 1: Space for Creation, Not Just Consumption.** [www.thedigitalshift.com/2012/10/public-services/the-makings-of-maker-spaces-part-1-space-for-creation-not-just-consumption/](http://www.thedigitalshift.com/2012/10/public-services/the-makings-of-maker-spaces-part-1-space-for-creation-not-just-consumption/).
- **Magic Toothpick Trick.** [www.kidzone.ws/magic/toothpick.htm](http://www.kidzone.ws/magic/toothpick.htm). A trick that demonstrates surface tension.
- **Make a Simple Duck Call.** [www.sciencebob.com/experiments/duckcall.php](http://www.sciencebob.com/experiments/duckcall.php). An experiment that shows how sound comes from vibration. •
- **Maker Spaces in Libraries?** <http://spotlight.macfound.org/blog/entry/Maker-Spaces-in-Libraries/>. A video and article about maker spaces in libraries.
- **Measure Your Reaction Time.** <http://scifun.chem.wisc.edu/HomeExpts/HomeExperiments.pdf>. An experiment on motion.
- **National Oceanic and Atmospheric Administration (NOAA).** [www.noaa.gov/](http://www.noaa.gov/). The National Oceanic and Atmospheric Administration's website.
- **Outrageous Ooze.** [www.exploratorium.edu/science\\_explorer/ooze.html](http://www.exploratorium.edu/science_explorer/ooze.html). An experiment that demonstrates the properties of non-Newtonian fluids.
- **Science Hobbyist.** <http://amasci.com/>. website of amateur scientist and science hobbyist Bill Beaty. You'll find thoughts, links, and science fair ideas for children as well as projects, unusual phenomena reports, physics videos, and animations.
- **The Science of Cooking.** [www.exploratorium.edu/cooking/](http://www.exploratorium.edu/cooking/). Explore recipes, activities, and webcasts that will enhance your understanding of the science behind food and cooking.
- **Ted Talks. The Beautiful Math of Coral.** [www.ted.com/talks/margaret\\_wertheim\\_crochets\\_the\\_coral\\_reef.html](http://www.ted.com/talks/margaret_wertheim_crochets_the_coral_reef.html). Margaret Wertheim explains the intersection of art and geometry in this video about an art project.
- **Throw Your Own Doctor Who Party.** [www.weekendnotes.com/doctor-who-party/](http://www.weekendnotes.com/doctor-who-party/). Ideas on costumes, games, food, etc.
- **TreeHugger. How to Green Your Cleaning.** [www.treehugger.com/htgg/how-to-go-green-cleaning.html](http://www.treehugger.com/htgg/how-to-go-green-cleaning.html). General green cleaning tips and links to articles and sources for green cleaning products.
- **TV Tropes. Mad Scientist.** <http://tvtropes.org/pmwiki/pmwiki.php/Main/MadScientist>. A wiki article with lists of mad scientists found in books, comics, film, TV, games, anime and more. A good source.
- **Upcycle Magazine.** [www.upcyclemagazine.com/](http://www.upcyclemagazine.com/). Project ideas, product reviews and interesting stories from all across the world of upcycling, recycling, and reusing.
- **Upcycle That.** [www.upcyclethat.com/](http://www.upcyclethat.com/). Amazing and easy ideas to reuse and repurpose old stuff into something new and useful.
- **Weather Spotter's Field Guide.** [www.nws.noaa.gov/os/brochures/SGJune6-11.pdf](http://www.nws.noaa.gov/os/brochures/SGJune6-11.pdf). A guide to being a SKYWARN® spotter.

